

Introductory Comments:

In the Office Action, the Examiner rejected claims 22, 25 and 26 under 35 U.S.C. section 112, second paragraph, as being indefinite. The Examiner also rejected claims 22-27 under 35 U.S.C. section 103 (a) as being unpatentable under U.S. Patent No. 6,314,539 to Jacobson et al. ("Jacobson") in view of U.S. Patent No. 5,710,779 to Whetsel ("Whetsel"). Furthermore, the Examiner rejected claim 28 under 35 U.S.C. section 103(a) as being unpatentable over Jacobson in view of Whetsel in further view of U.S. Patent Application No. US-2002/0112213 to Abadir et al. ("Abadir").

REMARKS

Claim 22 has been amended by:

- (a) some wording changes so as to address the Examiner's clarity objections, and
- (b) limitation to the second recited manner for ensuring "the combinational local path not interfering with the operation of the scan chain".

Specifically, claim 22 as amended requires "the combinational local path not interfering with the operation of the scan chain due to maintaining the test data input at operating voltage". Neither Jacobsen, Whetsel nor other cited art discloses or teaches this feature.

Furthermore, claim 22 requires "measuring the time interval for transmission", which corresponds to the previously required feature of "performing delay measurements". Neither Jacobsen nor Whetsel disclose or teach this feature.

Jacobsen relates to selectively bypassing scan cells for boundary scan testing. Boundary scan tests are static tests of whether or not a signal is transmitted from one device to another rather than being tests of signal transmission times.

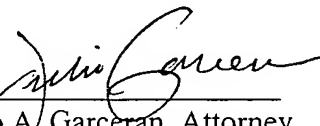
Whetsel teaches real time observation, rather than transmission time measurements, of selected nodes, i.e. particular scan cells, within a scan chain, see its Figure 13 and column 5, lines 26 to 38.

In view of the above, Applicant respectfully requests reconsideration and allowance. In the event of any fees inadvertently omitted or any improper payment of fees, the Commissioner is hereby authorized to charge or credit Lucent Technologies Deposit Account No.12-2325 to correct the error now or during the pendency of this application.

If the Examiner has any questions or feels that a telephone conversation would be helpful, please contact Julio Garceran at (908) 582-7294.

Respectfully submitted,

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